



2134
JFW

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|---|------------------------|-----------------|
| Total Number of Pages in This Submission | 9 | Application No. | 09/540,611 |
| | | Filing Date | March 31, 2000 |
| | | First Named Inventor | Carl M. Ellison |
| | | Art Unit | 2134 |
| | | Examiner Name | Ellen C. Tran |
| | | Attorney Docket Number | 42390P8112 |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) | |
| <input checked="" type="checkbox"/> PTO/SB/08 | | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Basic Filing Fee | | |
| <input type="checkbox"/> Declaration/POA | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

Cited References
return postcard
Cross Reference to Related Applications

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--|
| Firm or Individual name | Gregory D. Caldwell, Reg. No. 39,926 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature | |
| Date | September 21, 2004 |

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | |
|-----------------------|--------------------|
| Typed or printed name | Gayle M. Bekish |
| Signature | |
| Date | September 21, 2004 |

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 06/04/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

| Complete if Known | |
|----------------------|-----------------|
| Application Number | 09/540,611 |
| Filing Date | March 31, 2000 |
| First Named Inventor | Carl M. Ellison |
| Examiner Name | Ellen C. Tran |
| Art Unit | 2134 |
| Attorney Docket No. | 42390P8112 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to check all that apply:

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | <u>Fee Paid</u> |
|---------------------|----------|--------------|----------|------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1001 | 770 | 2001 | 385 | Utility filing fee |
| 1002 | 340 | 2002 | 170 | Design filing fee |
| 1003 | 530 | 2003 | 265 | Plant filing fee |
| 1004 | 770 | 2004 | 385 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | (\$) | | |

2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------|----------------|----------|
| | | 20** | = | |
| | | 3 | = | |

Multiple Dependent

| Large Entity | | Small Entity | | <u>Fee Description</u> |
|---------------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple Dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$) | | |

*or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

| Large Entity | Small Entity | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|--------------|------------------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet |
| 2053 | 130 | 2053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request fore part reexamination |
| 1804 | 920* | 1804 | 920 * Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840 * Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 420 | 2252 | 210 Extension for reply within second month |
| 1253 | 950 | 2253 | 475 Extension for reply within third month |
| 1254 | 1,480 | 2254 | 740 Extension for reply within fourth month |
| 1255 | 2,010 | 2255 | 1,005 Extension for reply within fifth month |
| 1404 | 330 | 2401 | 165 Notice of Appeal |
| 1402 | 330 | 2402 | 165 Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 Request for oral hearing |
| 1451 | 1,510 | 2451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable |
| 1453 | 1,330 | 2453 | 665 Petition to revive - unintentional |
| 1501 | 1,330 | 2501 | 665 Utility issue fee (or reissue) |
| 1502 | 480 | 2502 | 240 Design issue fee |
| 1503 | 640 | 2503 | 320 Plant issue fee |
| 1460 | 130 | 2460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 1809 | 385 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 770 | 2810 | 385 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 770 | 2801 | 385 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

| | | | | | |
|-------------------|---------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Gregory D. Caldwell | Registration No. (Attorney/Agent) | 39,926 | Telephone | (503) 439-8778 |
| Signature | | | | Date | 09/21/04 |

Based on PTO/SB/17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 02/10/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



09/540,611

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
 Carl M. Ellison et al.)
 Application No.: 09/540,611)
 Docket No.: P8112)
 Filed: 03/31/00)
 For: MANAGING ACCESSES IN A)
 PROCESSOR FOR ISOLATED)
 EXECUTION)

Examiner: Ellen C. Tran

Art Unit: 2134

Phone No.: (703) 305-8917

CROSS REFERENCE TO RELATED APPLICATIONS

COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby cross-reference the following related patents and patent applications, which are all assigned to the same assignee as the present patent application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9/21/04

Gayle Bekish
 Name of U.S. Mail Mailing Correspondence

9/21/04
 Date

Gayle
 Signature

09/540,611

| Reference No. | Application Serial No. | Patent No. | Title |
|---------------|------------------------|------------|---|
| 1 | 09/672,603 | | Controlling Accesses To Isolated Memory Using A Memory Controller For Isolated Execution |
| 2 | 09/822,986 | | Checking File Integrity Using Signature Generated In Isolated Execution |
| 3 | 09/538,951 | | Platform And Method For Issuing And Certifying A Hardware-Protected Attestation Key |
| 4 | 09/539,344 | | Managing A Secure Platform Using A Hierarchical Executive Architecture In Isolated Execution Mode |
| 5 | 09/668,585 | | Managing A Secure Platform Using A Hierarchical Executive Architecture In Isolated Execution Mode |
| 6 | 09/541,108 | | Platform And Method For Remote Attestation Of A Platform |
| 7 | 09/540,612 | | Platform And Method For Generating And Utilizing A Protected Audit Log |
| 8 | 09/540,946 | | Protecting Software Environment In Isolated Execution |
| 9 | 09/668,610 | | Protecting Software Environment In Isolated Execution |
| 10 | 09/538,954 | | Generating Isolated Bus Cycles For Isolated Execution |
| 11 | 09/539,348 | 6,760,441 | Generating A Key Hierarchy For Use In An Isolated Execution Environment |
| 12 | 09/541,477 | 6,507,904 | Isolated Instructions For Isolated Execution |
| 13 | 09/540,611 | | Managing Accesses In A Processor For Isolated Execution |
| 14 | 09/540,613 | | Managing A Secure Environment Using A Chipset In Isolated Execution Mode |
| 15 | 09/668,408 | | Managing A Secure Environment Using A Chipset In Isolated Execution Mode |
| 16 | 09/541,667 | | Attestation Key Memory Device And Bus |
| 17 | 09/672,602 | | Attestation Key Memory Device And Bus |
| 18 | 09/618,738 | 6,678,825 | Controlling Access To Multiple Isolated Memories In An Isolated Execution Environment |
| 19 | 09/618,489 | 6,633,963 | Controlling Access To Multiple Memory Zones In An Isolated Execution Environment |
| 20 | 10/683,542 | | Controlling Access To Multiple Memory Zones In An Isolated Execution Environment |
| 21 | 09/618,659 | | Resetting A Processor In An Isolated Execution Environment |
| 22 | 09/751,586 | | Resetting A Processor In An Isolated Execution Environment |

09/540,611

It may be noted that the above list includes the present application, and the above list partially overlaps the cross-reference to related applications that was filed earlier.

If there are any questions that may be cleared up in a telephone interview, the Examiner is invited to call the undersigned at (512) 732-3927.

Respectfully submitted,

Dated:

9/20/04

Michael R. Barré
Michael R. Barré
Patent Attorney
Intel Americas, Inc.
Registration No. 44,023
(512) 732-3927

c/o Blakely, Sokoloff, Taylor &
Zafman, LLP
12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026



09/540,611

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Carl M. Ellison et al.)
Application No.: 09/540,611)
Docket No.: P8112)
Filed: 03/31/00)
For: MANAGING ACCESSES IN A)
PROCESSOR FOR ISOLATED)
EXECUTION)

Examiner: Ellen C. Tran

Art Unit: 2134

Phone No.: (703) 305-8917

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed please find an Information Disclosure Statement, which is being submitted after the mailing of the first Office Action but before the mailing of a Final Office Action. A copy of each cited reference is also enclosed.

In accordance with 37 C.F.R. § 1.97(e), I hereby state that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this Information Disclosure Statement.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject

09/540,611

application, and is not to be construed as an admission that the information cited in this statement is material to patentability.

Applicants respectfully request that the Examiner consider the cited reference(s), initial each reference on the enclosed Information Disclosure Statement to indicate such consideration, and return a copy of the initialed Information Disclosure Statement to Applicants. If the Examiner has any questions, the Examiner is invited to contact the undersigned at (512) 732-3927.

Respectfully submitted,

Dated: 9/20/04



Michael R. Barré
Patent Attorney
Intel Americas, Inc.
Registration No. 44,023
(512) 732-3927

c/o Blakely, Sokoloff, Taylor &
Zafman, LLP
12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on:

9/21/04

Date of Deposit

Gayle Bekish

Name of Person Mailing Correspondence
Gayle P _____ 9/21/04

Signature Date



| | | | | | |
|--|---|----|---|------------------------|-----------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 09/540,611 |
| | | | | Filing Date | March 31, 2000 |
| | | | | First Named Inventor | Carl M. Ellison |
| | | | | Art Unit | 2134 |
| | | | | Examiner Name | Ellen C. Tran |
| | | | | Attorney Docket Number | 42390P8112 |
| Sheet | 1 | of | 1 | | |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | |
|-----------------------|--------------------|
| Examiner Signature | Date Considered |
|-----------------------|--------------------|

[Signature] _____
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.
MPEP 609.2(d) Enter Office that issued the

[Redacted] *[Redacted]*
copy of this form with next communication.

'Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Digitized by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

Based on PTO/SB/08A (08-03) as modified by BlackJill Software, Inc.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450